DETAILED ACTION

Acknowledgements

The Applicant's amendment filed on April 10, 2007 is acknowledged, Claims 1-2, 4, 5,

remain pending .

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness

rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

Claims 1-2, 4 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Nykănen (US Patent 7,155,425) in view of Fletcher et al. (US Patent 6,985,939) and

further in view of Zeng et al (US Patent Application Publication 2004/0220910).

As per claim 1

Nykănen ('425) discloses a data processing method for a UDDI registry to enable

location of details of services which match service requester requirements, the method of the

UDDI registry comprising the steps:

receiving a standard UDDI request to locate service details, the request comprising details of a

tModel which defines service requirements specified in a particular language;(Column 7, line

45—column 8 line 42)

locating details of at least one service, the details comprising a tModel which defines

service capabilities specified in the particular language;(Column 7, line 45—column 8 line 42)

Nykănen ('425) does not explicitly disclose selecting from a plurality of external matching services an external matching service which is capable of comparing the service requirements and service capabilities, wherein each external matching service is accessed through an interface defined in an interface tModel; and using the external matching service to filter the located details to find those with indicated service capabilities which match the service requirements.. Fletcher et al. ('939) discloses selecting from a plurality of external matching services an external matching service which is capable of comparing the service requirements and service capabilities, wherein each external matching service is accessed through an interface defined in an interface tModel; and using the external matching service to filter the located details to find those with indicated service capabilities which match the service requirements. (Column 7, lines 15-54) It would be obvious to one having ordinary skill in the art at the time the invention was made to combine the Nykănen ('425) method with the Fletcher et al. ('939)method in order to optimize the content of a web portal; furthermore the combination of these elements does not alter their respective functions, and the combination would have yielded predictable results to one of ordinary skill in the art at the time of the invention..

Nykănen ('425) does not explicitly disclose receiving a request to register a new external matching engine wherein the matching engine implements the interface defined in the interface tModel; wherein the plurality of external matching services includes the new matching engine.. Fletcher et al. ('939) discloses receiving a request to register a new external matching engine wherein the matching engine implements the interface defined in the interface tModel; wherein the plurality of external matching services includes the new matching engine.

. (Column 10, lines 39-60) It would be obvious to one having ordinary skill in the art at the time the invention was made to combine the Nykänen ('425) method with the Fletcher et al. ('939)method in order to optimize the content of a web portal; furthermore the combination of these elements does not alter their respective functions, and the combination would have yielded predictable results to one of ordinary skill in the art at the time of the invention..

Nykänen ('425) does not explicitly disclose comprises an external, published search engine independent of a search engine internal to the UDDI reNstry, the published search engine is capable of comparing the service requirements and service capabilities through semantic cues in the UDDI request. Zang et al. ('910) discloses comprises an external, published search engine independent of a search engine internal to the UDDI reNstry, the published search engine is capable of comparing the service requirements and service capabilities through semantic cues in the UDDI request. (Paragraph 26) It would be obvious to one having ordinary skill in the art at the time the invention was made to combine the Nykänen ('425) method with the Zang et al. ('910) method in order to optimize the content of a web portal; furthermore the combination of these elements does not alter their respective functions, and the combination would have yielded predictable results to one of ordinary skill in the art at the time of the invention..

As per claim 2

Nykänen ('425)) discloses the method of claim 1 wherein the standard UDDI request further comprises service requirements specified in a standard UDDI category, the method comprising the further step of:

finding details of at least one service, the details defining service capabilities which

match the service requirements specified in a standard UDDI category; wherein the locating step

locates details of at least one service from those found by the finding step.(Column 7, line 45—

column 8 line 42)

As per claim 4

Nykǎnen ('425)) discloses the method of claim 1 wherein the standard UDDI request is a

find_tModel request (Figure 4B)

As per claim 5

Nykǎnen ('425)) discloses the method of claim 1

Official Notice is taken that "the particular language is one of DAML-S, UML, and

WSDL." is common and well known in prior art in reference to object modeling. It would have

been obvious to one having ordinary skill in the art at the time the invention was made to utilize

an object modeling protocol in order to model objects

Response to Arguments

The Applicants arguments filed on April 10, 2007 have been fully considered.

The amended claims are rejected in view of newly discovered reference Zeng et al (US

Patent Application Publication 2004/0220910).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John M. Winter whose telephone number is (571) 272-6713. The examiner can normally be reached on M-F 8:30-6, 1st Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Fischer can be reached on (571) 272-6779. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

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